

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in the application.

Claim 1 (Currently Amended): A data display unit for use with field devices,
comprising:
data acquisition means for reading data from field devices connected to a fieldbus;
description means for writing data read by said data acquisition means to definition files
according to a predetermined format to create definition files that define the way the data of said
field devices is displayed;
generation means for interpreting said definition files wherein data is written to generate
display data; and
display means for displaying said generated display data on a personal computer on a
network,
wherein said definition files are provided on a field device basis.

Claim 2 (Canceled)

Claim 3 (Currently Amended): A data display unit for use with field devices as claimed
in claim 1 [[or]] [[2]], wherein said definition files define the way [[the]] diagnostic parameters
of said field devices are displayed and said display means displays the diagnostic parameters of
said field devices and the statuses thereof according to definitions provided in said definition
files.

Claim 4 (Currently Amended): A data display unit for use with field devices as claimed in claim 1 ~~[[or]]~~ ~~[[2]]~~, wherein said definition files are provided on a field device basis, each of said definition files defines the way the diagnostic parameters of each of said field devices, and said display means separately displays the diagnostic parameters of a plurality of field devices and the statuses thereof on a field device basis according to definitions provided in said definition files.

Claim 5 (Currently Amended): A data display unit for use with field devices as claimed in claim 1 ~~[[or]]~~ ~~[[2]]~~ wherein said definition files define under what conditions alarms should be displayed and said display means displays alarms present in said field devices according to definitions provided in said definition files.

Claim 6 (Currently Amended): A data display unit for use with field devices as claimed in claim 1 ~~[[or]]~~ ~~[[2]]~~ wherein said display means has an area for setting an update interval at which said data acquisition means reads data from said field devices and said data acquisition means reads data from said field devices at said update interval set in said update interval setting area.

Claim 7 (Currently Amended): A data display unit for use with field devices as claimed in claim 6 ~~[[1]]~~ ~~[[or]]~~ ~~[[2]]~~ wherein said update interval setting area is provided with a refresh button that allows said data acquisition means to read data from said field devices at a desired

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point in time, and said data acquisition means reads data from said field devices at said desired point in time set using said refresh button.

Claim 8 (Currently Amended): A data display unit for use with field devices as claimed in claim 1 ~~[[or]]~~ ~~[[2]]~~ further comprising definition means for defining diagnostic parameters to be displayed on a field device basis, wherein said description means writes to said definition files according to definitions provided in said definition means.